

Title (en)

ORGANIC LIGHT-EMITTING DIODE ARRAY SUBSTRATE AND MANUFACTURING METHOD THEREFOR

Title (de)

ORGANISCHES LEUCHTDIODEN-ARRAYSUBSTRAT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

SUBSTRAT DE RESEAU DE DIODES ELECTROLUMINESCENTES ORGANIQUES ET PROCEDE DE FABRICATION CORRESPONDANT

Publication

**EP 3200232 B1 20220406 (EN)**

Application

**EP 15729325 A 20150116**

Priority

- CN 201410491588 A 20140923
- CN 2015070882 W 20150116

Abstract (en)

[origin: US2016254341A1] The present disclosure provides an organic light emitting diode array substrate and its manufacturing method, as well as a display device. The organic light emitting diode array substrate includes: gate lines, data lines, and a plurality of pixel units defined by the gate lines and the data lines. Each pixel unit comprises a first region which emits light and a second region which does not emit light. The first region is provided with an organic light emitting diode, and the second region is provided with a conductive unit which is connected in parallel with the data line and arranged at the same layer with a cathode of the organic light emitting diode.

IPC 8 full level

**H01L 27/32** (2006.01); **H01L 51/52** (2006.01)

CPC (source: EP US)

**H10K 50/80** (2023.02 - US); **H10K 50/828** (2023.02 - US); **H10K 59/00** (2023.02 - US); **H10K 59/122** (2023.02 - EP US); **H10K 59/1315** (2023.02 - EP US); **H10K 71/00** (2023.02 - US); **H01L 2924/0002** (2013.01 - EP US); **H10K 59/1201** (2023.02 - US); **H10K 2102/00** (2023.02 - US)

C-Set (source: EP US)

**H01L 2924/0002 + H01L 2924/00**

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US 2012169699 A1 20120705 - SHIN HYUN-EOK [KR]

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DOCDB simple family (publication)

**US 2016254341 A1 20160901**; **US 9570533 B2 20170214**; CN 104253148 A 20141231; CN 104253148 B 20170825; EP 3200232 A1 20170802; EP 3200232 A4 20180530; EP 3200232 B1 20220406; EP 3886174 A1 20210929; EP 3886174 B1 20231122; WO 2016045269 A1 20160331

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